

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
1 April 2004 (01.04.2004)

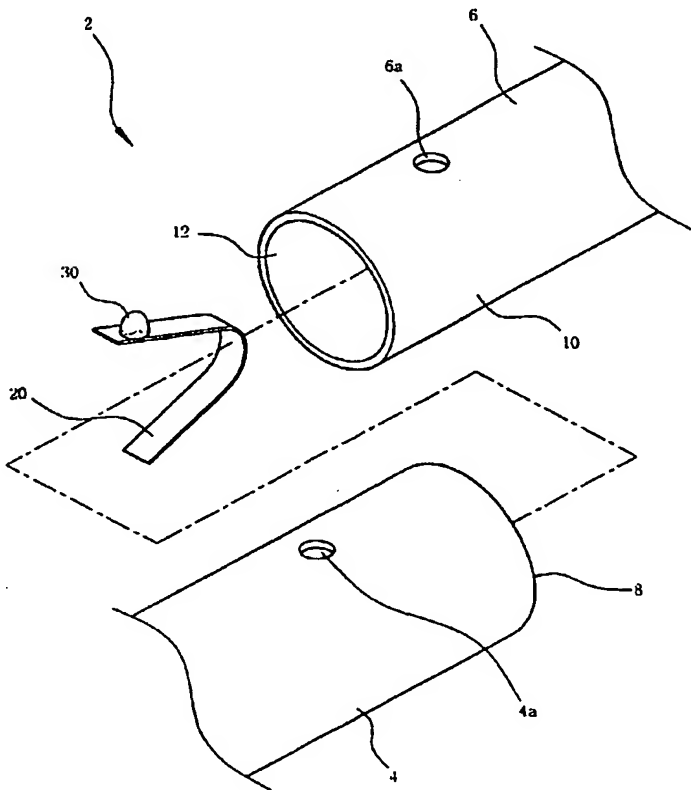
PCT

(10) International Publication Number
WO 2004/027185 A1

- (51) International Patent Classification⁷: **E04H 15/60**, F16B 7/04
- (21) International Application Number:
PCT/KR2003/001904
- (22) International Filing Date:
18 September 2003 (18.09.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
10-2002-0056785
18 September 2002 (18.09.2002) KR
- (71) Applicant and
(72) Inventor: KWON, Hyuk-Chong [KR/KR]; Woo-Sung
Apartment 2-1502, Dohwa-dong, Mapo-gu., Seoul
121-040 (KR).
- (74) Agent: CHUNG, Moon-Yung; Moon Yung Chung Patent
Law Office, Taekyung Bldg., 1337-32, Seocho-Dong, Seo-
cho-Ku, Seoul 137-070 (KR).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK,
LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX,
MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG,
SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,
VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: CONNECTION MEMBER OF MOVABLE TYPE CAMP HAVING GOOD DETACHABILITY



(57) Abstract: The present invention discloses, a connection member of a movable type camp with a good detachability comprising : a main pipe and an auxiliary pipe having a penetration hole at a predetermined portion of its external circumference surface, respectively; an elastic member having a "C" shape attached to the inside of the auxiliary pipe so that a constant elastic force is generated toward the inside circumference portion from the center of the auxiliary pipe; and a connection protrusion formed at the top surface of the upper end portion of the elastic member, which is inserted to the penetration holes of the main pipe and the auxiliary pipe and exposed to the outside, whereby the assemble and disassemble processes of the framework are performed easily.